

E-622-33

WATER RESOURCES ANALYSIS  
AND INFORMATION SECTION

98192512

Office Report No. 33

EXISTING AND POTENTIAL RESERVOIR SITES IN THE  
METHOW-OKANOGAN, AND CHELAN-WENATCHEE-ENTIAT BASINS

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By  
Greg Sorlie

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The purpose of this report is to present a summary of existing and potential reservoirs. Only reservoir sites with a minimum storage capacity at 1,000 acre-feet are listed, and any dams on the Columbia River are not considered. The sources that were used varied in their degree of detail, and in some cases listed the same site. One source of information that should be used to update this report is "Pumped-storage Potential of the Pacific Northwest," published by the Army Corps of Engineers. This report will be completed by November 1975, and will contain much revised and useful information.

The list is strictly an inventory of all possible sites. An evaluation may take place in the future, and some sites may be found to be unfeasible because of economic or environmental reasons.

Table 1. Existing Reservoirs in the Okanogan Basin

Reservoir Name	Map No.	Stream Location	Storage (ac ft)	Surface Area (acres)	Source
Aneas	1	Aneas Creek	--	--	County Extension Agent
Blue	2	Sinlahekin River	--	--	
Concully	3	Salmon Creek	13,000	--	
Leader	4	--	5,312	--	
Osoyoos	5	Okanogan River	--	5,729 (2,076 in US)	
Palmer	6	Sinlahekin R.	--	2,063	
Salmon	7	Salmon Creek	10,500	--	
Spectacle	8	Spectacle Cr.	6,250	--	
Whitestone	9	Spectacle Cr.	3,144	--	

Table 2. Potential Reservoirs in the Okanogan Basin

Reservoir Name	Map No.	Stream Location	Source
Night Hawk	10	Okanogan River	Mineral and Water Resources of Washington, USGS, 1966.
Palmer Lake	11	Palmer Creek	
Shankers Bend	12	Similkameen River	
Similkameen	13	Similkameen River	
Similkameen below elevation 964	14	Similkameen River	
Osoyoos Lake	15	Okanogan River	
McLaughlin Falls	16	Okanogan River	
Scotch Lake	17	Scotch Creek	
Brown Lake	18	Johnson Creek	
Green Lake	19	Salmon Creek	
Omak-Goose Lakes	20	Natural Lakes	

Refer to Figure 1.

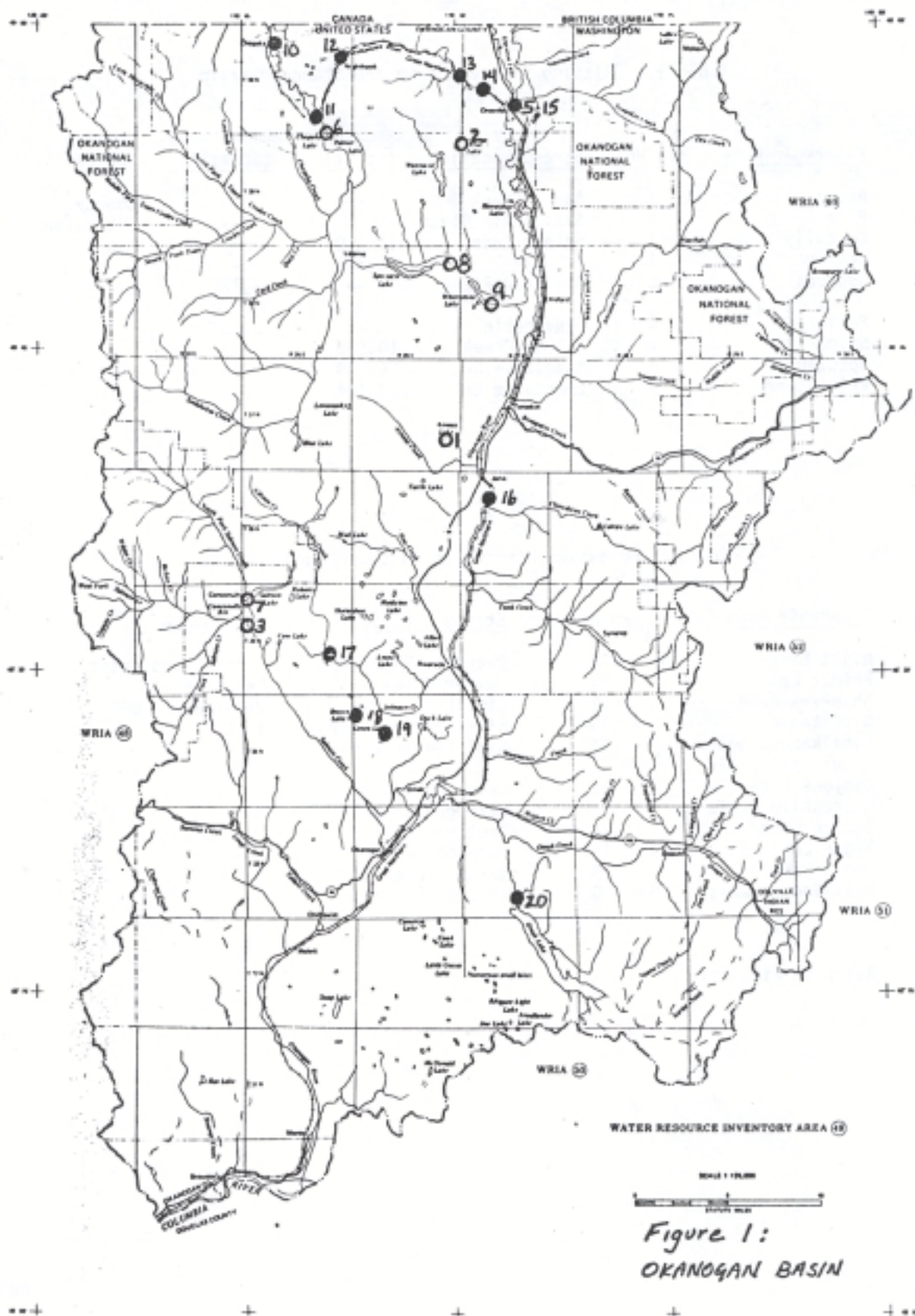


Table 3. Potential Reservoir Sites in the Methow Basin

Reservoir Name	Map No.	Stream Location	Storage (ac ft)	Surface Area (acres)	Source
Black Lake	1	Chewack River	5,200	144	Soil Conservation Service, 1967
Pearrygin Lake	2	Pearrygin Creek	3,000	320	
Patterson Lake	3	Methow River	2,250	175	
Slate Lake	4	Wolf Creek	1,100	44	
Middle Oval Lake	5	Eagle Creek	1,500	78	
North Lake	6	Twisp River	1,000	49	
French Creek	7	Methow River	1,725	115	
Eagle Lake	8	Crater Creek	1,020	44	
Crater Lake	9	Crater Creek	2,800	80	
Gold Creek	10	Methow River	--	--	Mineral & Water Resources of Wash. USGS, 1966
McFarland Cr.	11	Methow River	--	--	
Pipestone #1	12	Beaver Creek	--	--	
Pipestone #2	13	Beaver Creek	--	--	
Batic Site #1	14	Beaver Creek	--	--	
Batic Site #2	15	Beaver Creek	--	--	
Chewack Creek	16	Chewack Creek	--	--	

There are no existing reservoirs (over 1,000 acre-feet in storage) in the Methow Basin.

Refer to Figure 2.

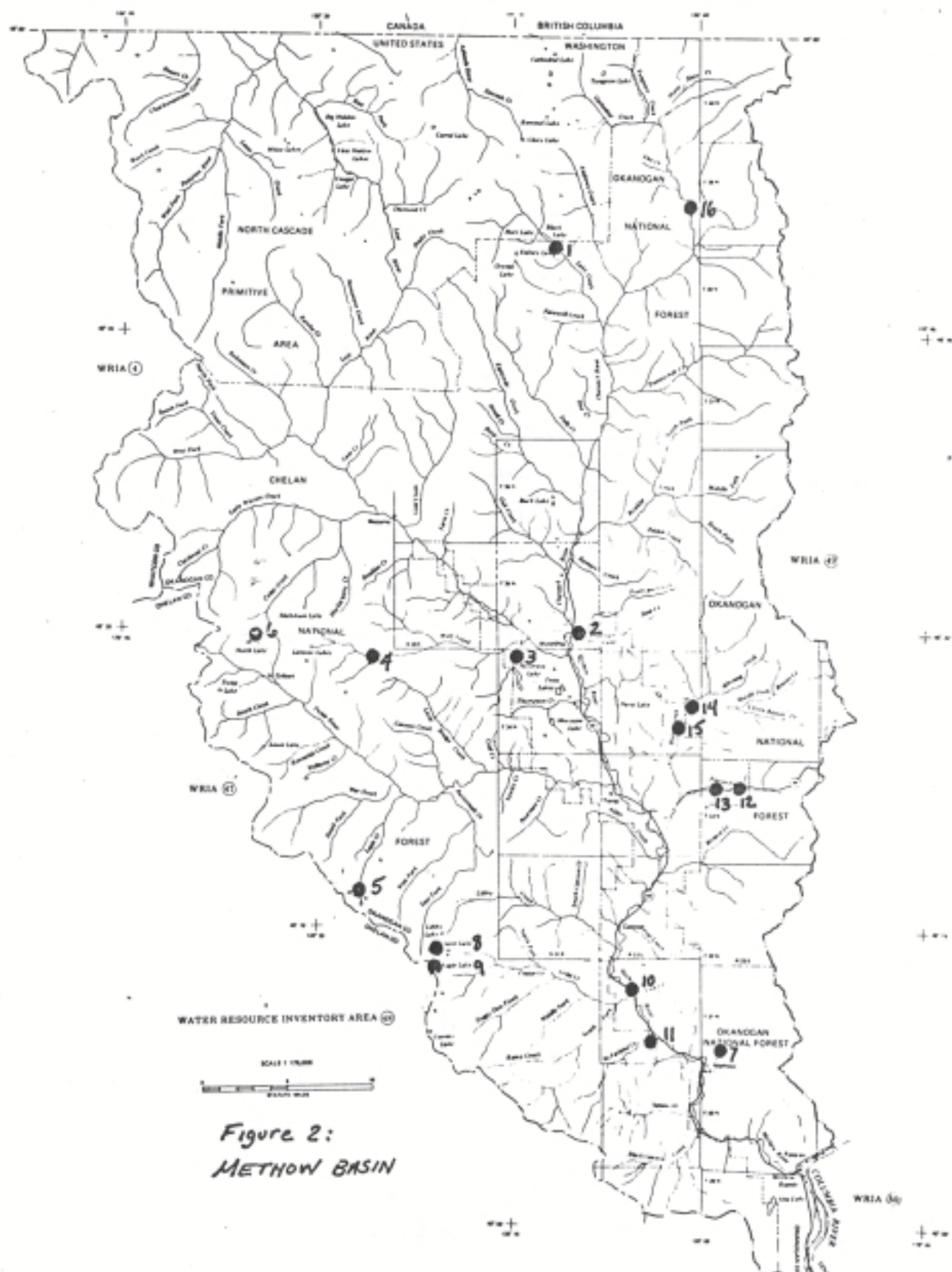


Table 4. Existing Reservoirs in the Chelan Basin

Reservoir Name	Map No.	Stream Location	Storage (ac ft)	Source
Chelan	1	Chelan River	676,100	Mineral and Water Resources of Wash., USGS, 1966.
Antilon	2	Antilon Creek	1,600	

There are no existing reservoirs (over 1,000 acre-feet in storage) in the Entiat and Wenatchee Basins.

Table 5. Potential Reservoir Sites in the Wenatchee-Entiat-Chelan Basins

Reservoir Name	Map No.	Stream Location	Basin	Source
Stehekin	3	Stehekin	Chelan	Mineral and Water Resources of Wash., USGS
Railroad Creek	4	Railroad Creek	Chelan	
Agnes Creek	5	Agnes Creek	Chelan	
Entiat	6	Entiat	Entiat	
Chiwawa	7	Chiwawa Creek	Wenatchee	
Wenatchee	8	Wenatchee River	Wenatchee	
Beaver	9	Beaver Creek	Wenatchee	
Plain	10	Plain Creek	Wenatchee	
Beaver Creek	11	Icicle Creek	Wenatchee	
Wenatchee above elevation 695	12	Wenatchee River	Wenatchee	
Wenatchee above elevation 692	13	Wenatchee River	Wenatchee	
Icicle Creek below el. 1110	14	Icicle Creek	Wenatchee	
Icicle Creek	15	Icicle Creek	Wenatchee	

Refer to Figures 3, 4, and 5.





